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Attorney Docket No. 0553-0373

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Tetsuo TSUTSUI

Serial No.: 10/626,024

Filed: July 24, 2003

Art Unit: 2879

Examiner: Mariceli Santiago

For: ORGANIC ELECTROLUMINESCENT DEVICE

) I hereby certify that this correspondence  
) is being deposited with the United States  
) Postal Service as first class mail in an  
) envelope addressed to:  
) Commissioner for Patents, P.O. Box 1450,  
) Alexandria, VA 22313-1450, on June 16,  
) 2005

*[Handwritten signature: Cristie M. Neal]*

Date: June 16, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, as revised on February 4, 1992, 1135 OG 23-24, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. As this application was filed after June 30, 2003, pursuant to 37 CFR §1.491(b), copies of US patents and US patent application publications are not enclosed herewith. Copies of foreign patent documents and non-patent literature are enclosed herewith for the Examiner's consideration.

06/22/2005 AKELECH1 00000009 10626024

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No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

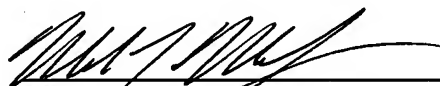
The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

Reference nos. 10-15 under "Other Prior Art" as well as JP 2003-045676 (with English abstract only) previously submitted in this case in the IDS filed on July 24, 2003, were lost at the Patent Office. Consequently Applicant is now submitting replacement copies of these references for the Examiner's consideration.

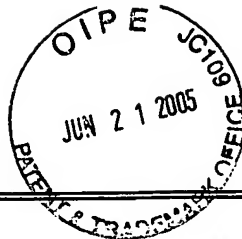
A first office action, notice of allowance or issue fee notification has been received in this case, so a check in the amount of \$180.00 is enclosed. If any additional fee is required, please charge Deposit Account No. 50/1039. If any additional fee is required, please charge our Deposit Account No. 50/1039.

Respectfully submitted,



Mark J. Murphy  
Registration No.: 34,225

COOK, ALEX, McFARRON, MANZO,  
CUMMINGS & MEHLER, LTD.  
200 West Adams Street  
Suite 2850  
Chicago, Illinois 60606  
(312) 236-8500



LIST OF PUBLICATIONS CITED BY APPLICANT	<u>Atty. Docket No.</u> 0553-0373	<u>Serial No.</u> 10/626,024
	<u>Applicant</u> Tetsuo TSUTSUI	
	<u>Filing Date</u> July 24, 2003	<u>Group</u> 2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	4,971,919	11/20/90	Yamazaki	437	2	03/09/89
	5,478,777	12/26/95	Yamazaki	437	173	09/22/94
	US 2001/ 0046611 A1	11/29/01	Kido et al	428	690	02/25/99
	6,844,025 B2	01/18/05	Forrest et al	427	74	01/14/04
	US 2005/ 0023522 A1	02/03/05	Frey et al	257	40	05/07/04

FOREIGN PATENT DOCUMENTS

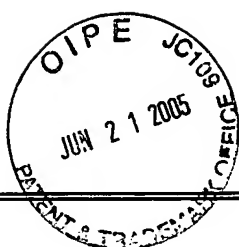
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS  
(Including Author, Title, Date, Pertinent Pages)

	1) FERRARIS, J. et al, "Electron Transfer in a New Highly Conducting Donor-Acceptor Complex," Journal of the American Chemical Society, vol. 95, no. 3, pp. 948-949, February 7, (1973). 2) TANG, C.W. et al, "Two-Layer Organic Photovoltaic Cell," Applied Physics Letters, vol. 48, no. 2, pp. 183-185, January 13, (1986). 3) HIRAMOTO, M. et al, "Effect of Thin Gold Interstitial-Layer on the Photovoltaic Properties of Tandem Organic Solar Cell," Chemistry Letters, pp. 327-330, (1990). 4) YU, G. et al, "Charge Separation and Photovoltaic Conversion Polymer Composites with Internal Donor/Acceptor Heterojunctions," J. Appl. Phys., vol. 78, no. 7, pp. 4510-4515, October 1, (1995). 5) PARTHASARATHY, G. et al, "A Metal-Free Cathode for Organic Semiconductor Devices," J. Appl. Phys., vol. 72, no. 17, pp. 2138-2140, April 27, (1998).
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EXAMINER:	DATE CONSIDERED:
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,677,546	10/14/97	Yu	257	40	05/19/95
	5,682,043	10/28/97	Pei et al	257	40	06/28/94
	6,013,384	01/11/00	Kido et al	428	690	01/22/98
	6,107,734	08/22/00	Tanaka et al	313	506	09/28/98
	6,300,612 B1	10/09/01	Yu	250	208.1	02/02/99
	US 2001/ 0031509 A1	10/18/01	Yamazaki	438	48	01/30/01
	6,423,429 B2	07/23/02	Kido et al	428	690	02/25/99
	6,452,092 B2	09/17/02	Han et al	136	263	01/19/01
	6,580,213 B2	06/17/03	Yamazaki	313	506	01/30/01
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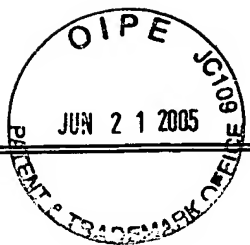
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	EP 0 855 848	07/29/98	Kido et al			01/07/98
	JP 10-270171	10/09/98	Kido et al	X		03/27/97
	JP 11-251067	09/17/99	Kido et al	X		03/02/98
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OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS  
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LIST OF PUBLICATIONS  
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Atty. Docket No.  
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Applicant  
Tetsuo TSUTSUI

Filing Date  
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Group  
2879

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	4,871,236	10/03/89	Gemma et al	350	355	09/16/86
	6,198,092 B1	03/06/01	Bulovic et al	250	214.1	08/19/98
	US 2002/ 0189666 A1	12/19/02	Forrest et al	136	263	06/11/01
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	US 2004/ 0113546 A1	06/17/04	Forrest et al	313	504	11/21/03

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	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 60-028278	02/13/85	Mitsubishi Electric		X	07/26/83
	EP 0 215 683 B1	03/25/87	Kabushiki Kaisha Toshiba			09/18/86
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	JP 2002- 164170	06/07/02	Matsushita Electric Works, Ltd.	X		11/27/00
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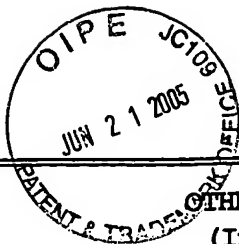
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	JP 2003- 515933	05/07/03 (05/31/01 Int. Pub date)	University of Princeton	X		11/15/00



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- 6) FUCHIGAMI, H. et al, "Polythienylenevinylene Thin-Film Transistor with High Carrier Mobility," Applied Physics Letters, vol. 63, no. 10, pp. 1372-1374, September 6, (1993).
- 7) GUNDLACH, D.J. et al, "Pentacene Organic Thin-Film Transistors - Molecular Ordering and Mobility," IEEE Electron Device Letters, vol. 18, no. 3, pp. 87-89, March, (1997).
- 8) RUHSTALLER, B. et al, "Bias-Tuned Reduction of Self-Absorption in Polymer Blend Electroluminescence," Chemical Physics Letters, vol. 317, pp. 238-244, February 4, (2000).
- 9) NARAYAN, K.S. et al, "Light Responsive Polymer Field-Effect Transistor," Applied Physics Letters, vol. 79, no. 12, pp. 1891-1893, September 17, (2001).
- 10) SHIRAKAWA, H. et al, "Synthesis of Electrically Conducting Organic Polymers: Halogen Derivatives of Polyacetylene, (CH)<sub>x</sub>," J.C.S. Chem. Comm., no. 16, pp. 578-580 (1977).
- 11) TANG, C.W. et al, "Organic Electroluminescent Diodes," Appl. Phys. Lett., vol 51, no. 12, pp. 913-915, September 21, (1987).
- 12) TSUTSUI, T., "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element," Textbook of the 3<sup>rd</sup> seminar at Division of Organic Molecular Electronics and Bioelectronics, The Japan Society of Applied Physics, pp. 31-37, with English translation pp. 1-11, (1993).
- 13) SATO, Y., "Problem for Implementation in View of Materials Development," The Japan Society of Applied Physics/Organic Molecular Electronics and Bioelectronics," vol. 11, no. 1, pp. 86-89 with English abstract, (2000).
- 14) KIDO, J. et al, "49<sup>th</sup> Japan Society of Applied Physics and Related Societies," abstract 27p-YL-3, p. 1308, March, (2002).
- 15) US patent application no. 10/309,843 (pending) to Tsutsui, filed December 4, 2002, including specification, abstract, claims, drawings and PTO filing receipt.

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